

08-31-05

Express Mail Mailing Label No. EV631055399US

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# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> <li><input type="checkbox"/> Amendment/Response               <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]</li> </ul> </li> <li><input type="checkbox"/> Petition for Extension of Time</li> </ul>	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <ul style="list-style-type: none"> <li><input type="checkbox"/> Formal Drawing(s)</li> <li><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal</li> <li><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)</li> <li><input type="checkbox"/> Terminal Disclaimer</li> <li><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application</li> <li><input type="checkbox"/> Small Entity Statement</li> <li><input type="checkbox"/> CD(s) for large table or computer program</li> <li><input type="checkbox"/> Amendment After Allowance</li> <li><input type="checkbox"/> Request for Certificate of Correction               <ul style="list-style-type: none"> <li><input type="checkbox"/> Certificate of Correction (in duplicate)</li> </ul> </li> </ul>	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <li><input type="checkbox"/> Appeal Brief (in triplicate)</li> <li><input type="checkbox"/> Status Inquiry</li> <li><input checked="" type="checkbox"/> Return Receipt Postcard</li> <li><input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8</li> <li><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8</li> <li><input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)</li> <li><input checked="" type="checkbox"/> Second Request for Consideration of References Previously Submitted (2 pgs.)</li> <li><input checked="" type="checkbox"/> Copy of Request for Consideration of References Previously Submitted and related papers originally submitted to the USPTO on December 1, 2003, and stamped as received by the USPTO on December 5, 2003 (5 pgs.)</li> <li><input checked="" type="checkbox"/> Copies of the Information Disclosure Statement and related papers (10 pgs.), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001;</li> <li><input checked="" type="checkbox"/> Copies of the Supplemental Information Disclosure Statement and related papers (9 pgs.), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001</li> <li><input checked="" type="checkbox"/> Copies of the Second Supplemental Information Disclosure Statement and related papers (17 pgs.) originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003</li> </ul>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>	

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Goodwin Procter LLP  
 Exchange Place  
 Boston, MA 02109  
 Tel. No.: (617) 570-1000  
 Fax No.: (617) 523-1231  
 Customer No. 051414

## SIGNATURE BLOCK

Date: August 30 2005  
 Reg. No. 56,663  
 Tel. No.: (617) 570-1053  
 Fax No.: (617) 523-1231

Respectfully submitted,

Brian R. Chase  
 Attorney for Applicants  
 Goodwin Procter LLP  
 Exchange Place  
 Boston, MA 02109



EXPRESS MAIL Mailing Label Number EV63105539945

PATENT  
Attorney Docket No. MDS-009CN  
(120407/156456)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al. CONFIRMATION NO.: 6590  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.  
TITLE: Spectral Volume Microprobe Arrays

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents are enclosed.

### REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1) within three (3) months of the **filings date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

(2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

the requisite Statement is below, **OR**

the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

(3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

- the requisite Statement is below, **AND**
- the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

#### **STATEMENT**

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



Brian R. Chase  
Attorney for Applicants  
Goodwin Procter LLP  
Exchange Place  
Boston, Massachusetts 02109  
Customer No. 051414

Date: August 30, 2005  
Reg. No. 56,663

Tel. No.: (617) 570-1053  
Fax No.: (617) 523-1231  
2574061



## Express Mail Mailing Label No. EV631055399US

FORM PTO - 1449  SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: MDS-009CN  APPLICANT(S): Modell et al.  SERIAL NO.: 09/841,325  FILING DATE: April 24, 2001 GROUP: 3737				
U.S. PATENT DOCUMENTS								
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A254	D 500,134	12/21/2004	Banks <i>et al.</i>				
	A255	D 507,349	07/12/2005	Banks <i>et al.</i>				
	A256	4,349,510	09/14/1982	Kolehmainen <i>et al.</i>				
	A257	4,396,579	08/02/1983	Schroeder <i>et al.</i>				
	A258	4,755,055	07/05/1988	Johnson <i>et al.</i>				
	A259	5,205,291	04/27/1993	Potter				
	A260	5,383,874	01/24/1995	Jackson <i>et al.</i>				
	A261	5,452,723	09/26/1995	Wu <i>et al.</i>				
	A262	5,784,162	07/21/1998	Cabib <i>et al.</i>				
	A263	5,871,439	02/16/1999	Takahashi <i>et al.</i>				
	A264	5,902,246	05/11/1999	McHenry <i>et al.</i>				
	A265	5,999,844	12/07/1999	Gombrich <i>et al.</i>				
	A266	6,026,319	02/15/2000	Hayashi				
	A267	6,123,454	09/26/2000	Canfield <i>et al.</i>				
	A268	6,135,965	10/24/2000	Tumor <i>et al.</i>				
	A269	6,224,256	05/01/2001	Bala				
	A270	6,332,092	12/18/2001	Deckert <i>et al.</i>				
	A271	6,370,422	04/09/2002	Richards-Kortum <i>et al.</i>				
	A272	6,390,671	05/21/2002	Tseng				
	A273	6,405,070	06/11/2002	Banerjee				
	A274	6,487,440	11/26/2002	Deckert <i>et al.</i>				
	A275	6,593,101	07/15/2003	Richards-Kortum <i>et al.</i>				
	A276	6,593,102	07/15/2003	Zahniser				
	A277	6,639,674	10/28/03	Sokolov <i>et al.</i>				
	A278	6,697,666	02/24/04	Richards-Kortum, <i>et al.</i>				
EXAMINER					DATE CONSIDERED			

AUG 30 2005

## FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

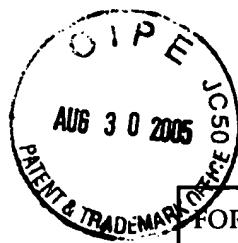
FILING DATE: April 24, 2001 GROUP: 3737

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A279	6,760,613	07/06/04	Nordstrom <i>et al.</i>			
	A280	6,902,935	06/07/2005	Kaufman <i>et al.</i>			
	A281	6,818,903	11/16/04	Schomacker <i>et al.</i>			
	A282	6,826,422	11/30/04	Modell <i>et al.</i>			
	A283	6,839,661	1/4/05	Costa <i>et al.</i>			
	A284	6,847,490	01/25/05	Nordstrom <i>et al.</i>			
	A285	6,933,154	8/23/05	Schomacker <i>et al.</i>			
	A286	2002/0007122	01/17/02	Kaufman <i>et al.</i>			
	A287	2002/0127735	09/12/02	Kaufman <i>et al.</i>			
	A288	2002/0177777	11/28/02	Nordstrom <i>et al.</i>			
	A289	2002/0183626	12/05/02	Nordstrom <i>et al.</i>			
	A290	2003/0095721	05/22/03	Clume <i>et al.</i>			
	A291	2003/0144585	07/31/03	Kaufman <i>et al.</i>			
	A292	2004/0010375	01/15/04	Schomacker <i>et al.</i>			
	A293	2004/0206913	10/21/04	Costa <i>et al.</i>			
	A294	2004/0206882	10/21/04	Banks <i>et al.</i>			
	A295	2004/0206914	10/21/04	Schomacker <i>et al.</i>			
	A296	2004/0207625	10/21/04	Griffin <i>et al.</i>			
	A297	2004/0208385	10/21/04	Jiang			
	A298	2004/0208390	10/21/04	Jiang <i>et al.</i>			
	A299	2004/0209237	10/21/04	Flewelling <i>et al.</i>			

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B36	196 29 646	01/29/1988	DE				N	Y (abstract)
	B37	2-17429	01/22/1990	JP				N	Y (abstract)
	B38	5-256772	10/05/1993	JP				N	Y (abstract)
	B39	1-245215	09/29/1989	JP				N	Y (abstract)
	B40	04/095359	11/04/2004	WO				N	Y

EXAMINER

DATE CONSIDERED

2574001



Express Mail Mailing Label No. EV631055399US

**PATENT**  
Atty. Docket No. MDS-009CN  
(120407/156456)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S):	Modell et al.	CONFIRMATION NO.:	6590
SERIAL NUMBER:	09/841,325	ART UNIT:	3737
FILING DATE:	April 24, 2001	EXAMINER:	Smith, Ruth S.
TITLE:	Spectral Volume Microprobe Arrays		

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND REQUEST FOR CONSIDERATION OF**  
**REFERENCES PREVIOUSLY SUBMITTED**

Sir:

In the Office Action, Paper No. 8, mailed from the U.S. Patent and Trademark Office (“USPTO”) on September 2, 2003, the Examiner included with the Office Action copies of the PTO-1449 forms submitted on August 31, 2001, October 5, 2001, and July 30, 2003. The Examiner did not indicate consideration of the Foreign Patent Documents (B References) or the Other Art, Journal Articles, Etc. (C References). Applicants resubmitted the PTO-1449 forms and references B1-B27 and C1-C107 along with a Request for Consideration of References Previously Submitted on December 1, 2003. Applicants submit that the documents were timely and properly submitted to the USPTO as evidenced by the enclosed Certificate of First Class Mail identifying the documents and the return receipt postcard, which acknowledges receipt of the documents by the USPTO on December 5, 2003.

Applicants will be happy to provide additional copies of these references should they be needed. Applicants cordially invite the Examiner to contact the undersigned should any additional copies be needed.

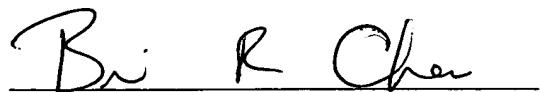
Applicants hereby request that the references indicated above be considered and that an initialed copy of each of the previously submitted PTO-1449 forms be entered in the file and a

Second Request for Consideration of Reference Previously Submitted  
Docket No. MDS-009CN  
Serial No. 09/841,325  
Filing Date: April 24, 2001

copy sent to Applicants' correspondence address. Applicants enclose a copy of the previously submitted Information Disclosure Statements and PTO-1449 Forms.

Applicants believe no additional fees are due upon submission of this paper. If any fees are due, the Commissioner is hereby authorized to charge them to Deposit Account No. 07-1700.

Respectfully submitted,



Brian R. Chase  
Brian R. Chase  
Attorney for Applicants  
Goodwin Procter, LLP  
Exchange Place  
Boston, MA 02109

Date: August 30, 2005  
Reg. No. 56,663

Tel. No. (617) 570-1053  
Fax No. (617) 523-1231

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# COPY

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NO. EV631055399US

MDS-009CN (6219/15)

The "Received" stamp of the Patent Office imprinted hereon acknowledges the filing of the following documents by Certificate of First Class Mailing (1 pg.); Transmittal Form (1 pg.); Information Disclosure Statement (2 pgs.); PTO Form 1449 (5 pgs.); one copy of each cited reference, A1-A64, B1-B7 and C1-C14; and this return receipt postcard, all mailed first class postage prepaid on August 31, 2001.

Applicants: Modell et al.

Serial No.: 09/841,325

Atty: JBMilstein/sms

Date: August 31, 2001

2167969





PATENT  
Attorney Docket No. MDS-009CN (6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not Yet Assigned  
TITLE: Spectral Volume Microprobe Arrays

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 31st day of August, 2001.

  
Sharon Shaw

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. PTO Form 1449 (5 pages);  
and one copy of each cited reference A1-A64,  
B1-B7 and C1-C14;
4. Return-receipt postcard.

MILSTEIN\6219\15.2167978\_1

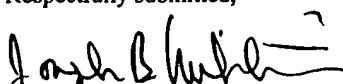


# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell et al.
Group Art Unit	3737
Examiner Name	Not Yet Assigned
Attorney Docket No.	MDS-009CN
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul>	<input type="checkbox"/> Copy of Notice to File Corrected Application Papers (PTO-1553)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings</li> <li>[Total Sheets _____]</li> </ul>	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Brief (in triplicate)
	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
<input checked="" type="checkbox"/> Information Disclosure Statement (2 pages) <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PTO-1449 (5 pages)</li> <li><input checked="" type="checkbox"/> Copies of IDS Citations</li> </ul>	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD(s) for large table or computer program	
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <ul style="list-style-type: none"> <li><input type="checkbox"/> Certificate of Correction (in duplicate)</li> </ul>	

CORRESPONDENCE ADDRESS		SIGNATURE BLOCK	
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100		Respectfully submitted,  Joseph B. Milstein Atty/Agent for Applicant(s) Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110	



PATENT  
Attorney Docket No. MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325 GROUP NO.: 3737

FILING DATE: April 24, 2001 EXAMINER: Not Yet Assigned

TITLE: Spectral Volume Microprobe Arrays

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

(2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

the requisite Statement is below, OR

the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

Information Disclosure Statement

Serial No. 09/841,325

Page 2 of 2

(3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee**, AND

the requisite Statement is below, AND

the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

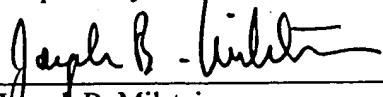
**STATEMENT**

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or

2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

  
\_\_\_\_\_  
Joseph B. Milstein

Atty/Agent for Applicant(s)  
Testa, Hurwitz, & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110

Date: August 31, 2001  
Reg. No. 42,897

Tel. No.: (617) 248-7695  
Fax No.: (617) 248-7100

MILSTEIN\6219\15.2167958\_1

TRADE  
MARK  
OFFICE  
AUG 30 2005  
JC505  
U.S. PATENT AND TRADEMARK OFFICE

SHEET 1 OF 5

<b>TRADEFORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.: MDS-009CN (6219/15)</b> <b>APPLICANT(S): Modell et al.</b> <b>SERIAL NO.: 09/841,325</b> <b>FILING DATE: April 24, 2001 GROUP: 3737</b>			
<b>U.S. PATENT DOCUMENTS</b>							
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
	A1	3,013,467	12/19/61	Minsky	88	14	
	A2	4,017,192	4/12/77	Rosenthal et al	356	201	
	A3	4,198,571	4/15/80	Sheppard	250	571	
	A4	4,254,421	3/3/81	Kreutel, Jr.	343	754	
	A5	4,357,075	11/2/82	Hunter	350	294	
	A6	4,397,557	8/9/83	Herwig et al.	356	342	
	A7	4,733,063	3/22/88	Kimura et al.	250	201	
	A8	4,753,530	6/28/88	Knight et al.	356	73	
	A9	4,844,617	7/4/89	Kelderman et al.	356	372	
	A10	4,845,352	7/4/89	Benschop	250	201	
	A11	4,852,955	8/1/89	Doyle et al.	350	1.2	
	A12	4,930,516	6/5/90	Alfano et al.	128	665	
	A13	4,965,441	10/23/90	Picard	250	201.3	
	A14	4,972,258	11/20/90	Wolf et al.	358	93	
	A15	4,997,242	3/5/91	Amos	350	6.91	
	A16	5,011,243	4/30/91	Doyle et al.	350	1.2	
	A17	5,028,802	7/2/91	Webb et al.	250	571	
	A18	5,032,720	7/16/91	White	250	236	
	A19	5,034,613	7/23/91	Denk et al.	250	458.1	
	A20	5,042,494	8/27/91	Alfano	128	665	
	A21	5,054,926	10/8/91	Dabbs et al.	356	345	
	A22	5,065,008	11/12/91	Hakamata et al.	250	216	
	A23	5,071,246	12/10/91	Blaha et al	351	221	
	A24	5,074,306	12/24/91	Green et al.	128	664	
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			



FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN (6219/15)

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A25	5,083,220	1/21/92	Hill	359	234	
	A26	5,091,652	2/25/92	Mathies et al.	250	458.1	
	A27	5,120,953	6/9/92	Harris	250	227.20	
	A28	5,122,653	6/16/92	Ohki	250	216	
	A29	5,132,526	7/21/92	Iwasaki	250	201.3	
	A30	5,139,025	8/18/92	Lewis et al.	128	665	
	A31	5,161,053	11/3/92	Dabbs	359	384	
	A32	5,162,641	11/10/92	Fountain	250	201.2	
	A33	5,162,941	11/10/92	Favro et al.	359	386	
	A34	5,168,157	12/1/92	Kimura	250	234	
	A35	5,192,980	3/9/93	Dixon et al.	356	326	
	A36	Re. 34,214	4/6/93	Carlsson et al.	358	93	
	A37	5,201,318	4/13/93	Rava et al.	128	665	
	A38	5,225,671	7/6/93	Fukuyama	250	216	
	A39	5,235,457	8/10/93	Lichtman et al.	359	368	
	A40	5,239,178	8/24/93	Derndinger et al.	250	234	
	A41	5,248,876	9/28/93	Kerstens et al.	250	561	
	A42	5,260,569	11/9/93	Kimura	250	234	
	A43	5,260,578	11/9/93	Bliton et al.	250	461.1	
	A44	5,262,646	11/16/93	Booker et al.	250	341	
	A45	5,274,240	12/28/93	Mathies et al.	250	458.1	
	A46	5,284,149	2/8/94	Dhadwal et al.	128	665	
	A47	5,286,964	2/15/94	Fountain	250	201.2	
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: MDS-009CN (6219/15) APPLICANT(S): Modell et al. SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001 GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A48	5,294,799	3/15/94	Aslund et al.	250	458.1	
	A49	5,296,700	3/22/94	Kumagai	250	216	
	A50	5,303,026	4/12/94	Strobl et al.	356	318	
	A51	5,306,902	4/26/94	Goodman	250	201.3	
	A52	5,313,567	5/17/94	Civanlar et al	395	124	
	A53	5,324,979	6/28/94	Rosenthal	250	504R	
	A54	5,319,200	6/7/94	Rosenthal et al.	250	341	
	A55	5,329,352	7/12/94	Jacobsen	356	301	
	A56	5,343,038	8/30/94	Nishiwaki et al.	250	234	
	A57	5,345,306	9/6/94	Ichimura et al.	356	346	
	A58	5,418,797	5/23/95	Bashkansky et al.	372	3	
	A59	5,421,337	6/6/95	Richards-Kortum et al.	128	665	
	A60	5,451,931	9/19/95	Muller et al.	340	630	
	A61	5,477,382	12/19/95	Pernick	359	559	
	A62	5,480,775	1/2/96	Ito et al.	435	7.2	
	A63	5,493,444	2/20/96	Khoury et al.	359	559	
	A64	5,587,832	12/24/96	Krause	359	385	
EXAMINER				DATE CONSIDERED			

AUG 30 2005

FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN (6219/15)

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

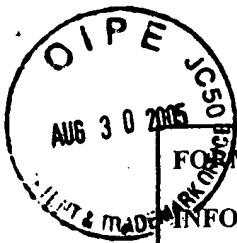
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	SU1223092	4/7/86	Boro					
	B2	EP-A-0280418	8/31/88						
	B3	EP-A-0335725	10/4/89						
	B4	EP-A-0474264	3/11/92						
	B5	EP-A-0641542	3/8/95						
	B6	WO 94/26168	11/24/94	PCT					
	B7	WO 97/05473	2/13/97	PCT					

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	P. Davidovits et al. "Scanning Laser Microscope for Biological Investigations", Applied Optics, Vol. 10, No. 7, pp. 1615-1619, July 1971.
	C2	C.J.R. Sheppard et al. "Depth of Field in the Scanning Microscope", Optics Letters, Vol. 3, No. 3, September 1978, pp. 115-117.
	C3	C.J. Koester, "Scanning Mirror Microscope with Optical Sectioning Characteristics: Applications in Ophthalmology", Applied Optics, Vol. 19, No. 11, June 1980, pp. 1749-1757.
	C4	T. Wilson, "The Role of the Pinhole in Confocal Imaging Systems", Confocal Microscopy Handbook, pp. 99-113.
	C5	C. Koester, "Comparison of Optical Sectioning Methods: The Scanning Slit Confocal Microscope", Confocal Microscope Handbook, pp. 189-194.

EXAMINER

DATE CONSIDERED



FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT					ATTORNEY DOCKET NO.: MDS-009CN (6219/15) APPLICANT(S): Modell et al. SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001 GROUP: 3737				
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C6	Jeffrey W. Hall, et al. "Near-Infrared Spectrophotometry: A New Dimension in Clinical Chemistry", Clin. Chem 38/9, 1623-1631 (1992).							
	C7	Kevin T. Schomacker, et al. "Ultraviolet Laser-Induced Fluorescence of Colonic Tissue; Basic Biology and Diagnostic Potential", Lasers in Surgery and Medicine, 12: 63-78, (1992).							
	C8	S. Schwartz, "Real-time laser-scanning Confocal ratio imaging", American Laboratory, pp. 53-62 April 1993.							
	C9	R. Richards-Kortum et al. "Description and Performance of a Fiber-optic Confocal Fluorescence Spectrometer, Applied Spectroscopy, Vol. 48, No. 3 pp. 350-355. (1994).							
	C10	J.M. Schmitt et al. "Interferometric Versus Confocal Techniques for Imaging Microstructures in Turbid Biological Media", Proc. SPIE, 2135 (1994), pp. 1-12.							
	C11	N. Ramanujam et al. "Fluorescence Spectroscopy; A Diagnostic Tool for Cervical Intraepithelial Neoplasia (CIN), Gynecologic Oncology 52, pp. 31-38 (1994).							
	C12	S.G. Anderson, "Confocal Laser Microscopes See A Wider Field of Application", Laser Focus World, pp. 83-86, February 1994.							
	C13	J.M. Schmitt et al. "Confocal Microscopy in Turbid Media", J. Opt. Soc. Am., Vol. 11, pp. 2225-2235, August 1994.							
	C14	N. Ramanujam et al. "In vivo diagnosis of cervical intraepithelial neoplasia using 337-nm-excited laser-induced fluorescence", Pro. Natl. Acad. Sci. USA, Vol. 91, pp. 10193-10197, October 1994.							
EXAMINER				DATE CONSIDERED					



# COPY

EXPRESS MAIL MAILING LABEL  
NO. EV631055399US

MDS-009CN (6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Amendment and Response (11 pgs.); Request for Consideration of References Previously Submitted (3 pgs.); Copies of the Information Disclosure Statement, related papers (10 pgs.), and copies of references (B1-B7, C1-C14), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001; Copies of the Supplemental Information Disclosure Statement, related papers (9 pgs.), and copies of references (B8-B14), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001; Copies of the Second Supplemental Information Disclosure Statement, related papers (17 pgs.), and copies of references (B15-B27, C15-C107), originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003; and this return receipt postcard, all mailed under Certificate of First Class Mailing.

Name of Applicant: Modell et al.

Serial Number: 09/841,325

Atty: TCMeyers/ESaarmaa

Date: December 1, 2003



2716492



PATENT  
Attorney Docket No. MDS-009CN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.  
TITLE: SPECTRAL VOLUME MICROPROBE ARRAYS

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 15<sup>th</sup> day of December, 2003. P P

Karina L. Branzetti

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 pg.);
2. Amendment and Response (11 pgs.);
3. Request for Consideration of References Previously Submitted (3 pgs.)
4. Copies of the Information Disclosure Statement, related papers (10 pgs.), and copies of references (B1-B7, C1-C14), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001;
5. Copies of the Supplemental Information Disclosure Statement, related papers (9 pgs.), and copies of references (B8-B14), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001;
6. Copies of the Second Supplemental Information Disclosure Statement, related papers (17 pgs.), and copies of references (B15-B27, C15-C107), originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003; and
7. Return receipt postcard.



**PATENT**  
Atty. Docket No. MDS-009CN  
(6219/15)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Modell et al.

SERIAL NUMBER: 09/841,325 ART UNIT: 3737

FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.

TITLE: Spectral Volume Microprobe Arrays

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CONSIDERATION OF REFERENCES PREVIOUSLY SUBMITTED**

Sir:

This paper is submitted in response to Office Action, Paper No. 8, mailed from the U.S. Patent and Trademark Office ("PTO") on September 2, 2003, in connection with the patent application identified above. The Examiner included with the Office Action copies of previously submitted PTO-1449 forms. The Examiner indicated she did not consider any of the Foreign Patent Documents (B References) or any of the Other Art, Journal Articles, Etc. (C References). The Examiner indicated "No Copies" on each of the PTO-1449 Forms regarding the B and C references. Applicants hereby request an initialed copy of each of the PTO-1449 forms previously submitted in connection with this application. PTO-1449 forms were submitted on August 31, 2001, October 5, 2001, and July 10, 2003.

**PTO-1449 Form Submitted on August 31, 2001**

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on August 31, 2001 Applicants submitted to the PTO an Information Disclosure Statement including form PTO-1449. Applicant subsequently received the return receipt postcard stamped as received by the PTO on September 4, 2001. A copy of this postcard is enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on September 4, 2001.

Request for Consideration of Reference Previously Submitted

Docket No. MDS-009CN

Serial No. 09/841,325

Filing Date: April 24, 2001

Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on September 4, 2001 and a copy of the B (B1-B7) and C (C1-C14) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

PTO-1449 Form Submitted on October 5, 2001

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on October 5, 2001 Applicants submitted to the PTO a Supplemental Information Disclosure Statement including form PTO-1449. Applicant subsequently received the return receipt postcard stamped as received by the PTO on December 11, 2001. A copy of this postcard is enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on December 11, 2001.

Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on October 5, 2001 and a copy of the B (B8-B14) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

PTO-1449 Form Submitted on July 10, 2003

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on July 10, 2003 Applicants submitted to the PTO a Second Supplemental Information Disclosure Statement including form PTO-1449. Applicant subsequently received two return receipt postcards (one corresponding to references A133-A192 and one corresponding to references B15-B27) each stamped as received by the PTO on July 14, 2003. A copy of these postcards are enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on July 14, 2003.

Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on July 10, 2003 and a copy of the B (B15-B27) and C (C15-C107) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

Request for Consideration of Reference Previously Submitted

Docket No. MDS-009CN

Serial No. 09/841,325

Filing Date: April 24, 2001

Applicants believe no fees are due upon submission of this paper. If any fees are due, the Commissioner is hereby authorized to charge them to Deposit Account No. 20-0531.

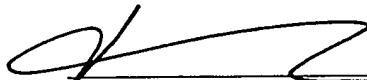
Respectfully submitted,

Date: December 1, 2003

Reg. No. 36,989

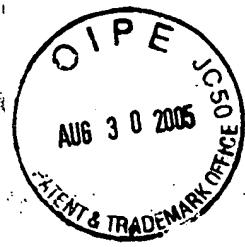
Tel. No. (617) 248-7013

Fax No. (617) 790-0321



Thomas C. Meyers  
Attorney for Applicant  
Testa, Hurwitz, & Thibeault, LLP  
125 High Street  
Boston, MA 02110

2716508



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MDS-009CN (6219/15)

The "Received" stamp of the U.S. Patent Office imprinted hereon acknowledges the receipt and filing of the following documents:

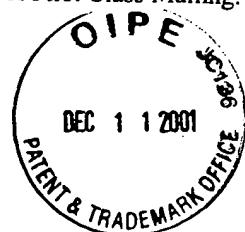
Transmittal Form (1 pg.); Supplemental Information Disclosure Statement (2 pgs.); PTO Form 1449 (4 pgs.); copies of the cited references A65-A132 and B8-B14; and this return receipt postcard, all mailed under Certificate of First Class Mailing.

Applicants: Modell et al.

Serial No.: 09/841,325

Atty: John V. Bianco

Date: October 5, 2001  
2191618





**PATENT**  
Attorney Docket No. MDS-009CN (6219/15)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT(S):** Modell et al.

**SERIAL NO.:** 09/841,325

**GROUP NO.:** 3737

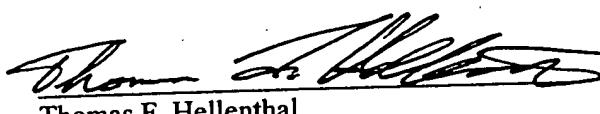
**FILING DATE:** April 24, 2001

**EXAMINER:** Not yet assigned

**TITLE:** Spectral Volume Microprobe Arrays

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 5 day of August, 2001.



Thomas F. Hellenthal

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Supplemental Information Disclosure Statement (2 pages);
3. PTO Form 1449 (4 pages);  
and copies of the cited references A65-A132 and B8-B14
4. Return-receipt postcard.

2191569



# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell et al.
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul>	<input type="checkbox"/> Copy of Notice to File Corrected Application Papers (PTO-1553) <ul style="list-style-type: none"> <li><input type="checkbox"/> Formal Drawing(s)</li> </ul>	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <li><input type="checkbox"/> Appeal Brief (in triplicate)</li> </ul>
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson</li> <li>including Drawings</li> <li>[Total Sheets <u>      </u>]</li> </ul>	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <ul style="list-style-type: none"> <li><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)</li> </ul>	<input type="checkbox"/> Status Inquiry <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Return Receipt Postcard</li> <li><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8</li> </ul>
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Terminal Disclaimer <ul style="list-style-type: none"> <li><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application</li> </ul>	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <ul style="list-style-type: none"> <li><input type="checkbox"/> Additional Enclosure(s) (please identify below)</li> </ul>
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PTO-1449</li> <li><input type="checkbox"/> Copies of IDS</li> <li><input type="checkbox"/> Citations A65-A132 and B8-B14</li> </ul>	<input type="checkbox"/> Small Entity Statement <ul style="list-style-type: none"> <li><input type="checkbox"/> CD(s) for large table or computer program</li> </ul>	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Amendment After Allowance <ul style="list-style-type: none"> <li><input type="checkbox"/> Request for Certificate of Correction</li> <li><input type="checkbox"/> Certificate of Correction (in duplicate)</li> </ul>	
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>		

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Testa, Hurwitz & Thibeault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,

John V. Bianco  
 Attorney for Applicants  
 Testa, Hurwitz & Thibeault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110



PATENT  
Attorney Docket No. MDS-009CN  
(6219/15)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

Assistant Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1) within three (3) months of the **filling date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

(2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

the requisite Statement is below, OR

the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

Supplemental Information Disclosure Statement

Serial No. 09/841,325

Page 2 of 2

(3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee**, **AND**

the requisite Statement is below, **AND**

the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

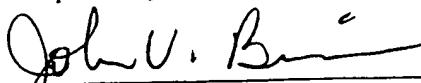
**STATEMENT**

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or

2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

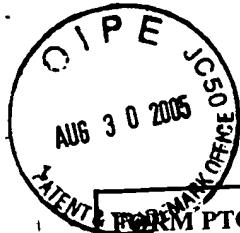


John V. Bianco  
Attorney for Applicants  
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Date: October 5, 2001  
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2191602



AUG 30 2005

FORM PTO - 1449

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

**U.S. PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A65	3,809,072	5/7/74	Ersek et al.	128	23	
	A66	4,662,360	5/5/87	O'Hara et al.	128	9	
	A67	4,741,326	5/3/88	Sidall et al.	128	4	
	A68	4,768,513	9/6/88	Suzuki	128	634	
	A69	4,877,033	10/31/89	Seitz, jr.	128	660.05	
	A70	4,878,485	11/07/89	Adair	128	6	
	A71	4,891,829	1/2/90	Deckman et al.	378	4	
	A72	4,945,478	7/31/90	Merickel et al.	364	413.22	
	A73	4,974,580	12/04/90	Anapliotis	128	4	
	A74	4,979,498	12/25/90	Oneda et al.	128	6	
	A75	5,003,979	4/2/91	Merickel et al.	364	413.22	
	A76	5,022,757	6/11/91	Modell	356	318	
	A77	5,036,853	8/6/91	Jeffcoat et al.	128	634	
	A78	5,154,166	10/13/92	Chikama	128	4	
	A79	5,159,919	11/03/92	Chikama	128	4	
	A80	5,201,908	4/13/93	Jones	128	4	
	A81	5,237,984	8/24/93	Williams, III et al.	128	4	
	A82	5,257,617	11/2/93	Takahashi	128	4	
	A83	5,261,410	11/16/93	Alfano et al.	128	664	
	A84	5,321,501	6/14/94	Swanson et al.	356	345	
	A85	5,325,846	7/5/94	Szabo	128	4	
	A86	5,337,734	8/16/94	Saab	128	4	
	A87	5,398,685	3/21/95	Wilk et al.	128	653.1	
	A88	5,402,768	4/4/95	Adair	128	4	
	A89	5,406,939	4/18/95	Bala	128	4	
	A90	5,413,092	5/9/95	Williams, III et al.	128	4	

EXAMINER

DATE CONSIDERED



FORM PTO-1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A91	5,413,108	5/9/95	Alfano	128	665	
	A92	5,415,157	5/16/95	Welcome	128	4	
	A93	5,419,311	5/30/95	Yabe et al.	128	4	
	A94	5,421,339	6/6/95	Ramanujam et al.	128	665	
	A95	5,458,132	10/17/95	Yabe et al.	128	4	
	A96	5,458,133	10/17/95	Yabe et al.	600	121	
	A97	5,507,295	4/16/96	Skidmore	600	121	
	A98	5,516,010	5/14/96	O'Hara et al.	600	122	
	A99	5,529,235	6/25/96	Bolarski et al.	227	175.1	
	A100	5,536,236	7/16/96	Yabe et al.	600	125	
	A101	5,545,121	8/13/96	Yabe et al.	600	121	
	A102	5,551,945	9/3/96	Yabe et al.	600	122	
	A103	5,556,367	9/17/96	Yabe et al.	600	124	
	A104	5,596,992	1/28/97	Haaland et al.	128	664	
	A105	5,609,560	3/11/97	Ichikawa et al.	600	101	
	A106	5,623,932	4/29/97	Ramanujam et al.	128	665	
	A107	5,662,588	9/2/97	Lida	600	121	
	A108	5,685,822	11/11/97	Harhen	600	125	
	A109	5,693,043	12/2/97	Kittrell et al.	606	15	
	A110	5,695,448	12/9/97	Kimura et al.	600	121	
	A111	5,704,892	1/6/98	Adair	600	121	
	A112	5,707,343	1/13/98	O'Hara et al.	600	121	
	A113	5,713,364	2/3/98	DeBaryshe et al.	128	664	
	A114	5,730,701	3/24/98	Furukawa et al.	600	127	
	A115	5,733,244	3/31/98	Yasui et al.	600	127	
	A116	5,746,695	5/5/98	Yasui et al.	600	127	
	A117	5,768,333	6/16/98	Abdel-Mottaleb	378	37	
	A118	5,769,792	6/23/98	Palcic et al.	600	477	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

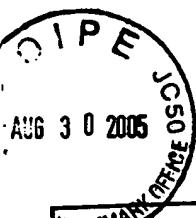
FILING DATE: April 24, 2001 GROUP: 3737

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A119	5,795,632	8/18/98	Buchalter	428	35.2	
	A120	5,800,350	9/1/98	Coppleson et al.	600	372	
	A121	5,807,248	9/15/98	Mills	600	322	
	A122	5,813,987	9/29/98	Modell et al.	600	473	
	A123	5,817,015	10/6/98	Adair	600	121	
	A124	5,833,617	11/10/98	Hayashi	600	476	
	A125	5,855,551	1/5/99	Sklandnev et al.	600	372	
	A126	5,860,913	1/19/99	Yamaya et al.	600	127	
	A127	5,865,726	2/2/99	Katsurada et al.	600	127	
	A128	5,876,329	3/2/99	Harhen	600	125	
	A129	6,104,945	8/15/00	Modell et al.	600	473	
	A130	6,119,031	9/12/00	Crowley	600	407	
	A131	6,146,897	11/14/00	Cohenford et al.	436	63	
	A132	6,169,817 B1	1/2/01	Parker et al.	382	131	

EXAMINER

DATE CONSIDERED

AUG 30 2005



FORM PTO - 1449

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

**FOREIGN PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B8	1 223 092	4/7/86	SU				In English	N
	B9	0 135 134	3/27/85	EP					Y
	B10	0 689 045 A1	12/27/95	EP					Y
	B11	WO 93/14688	8/5/93	PCT					Y
	B12	WO 95/04385	2/9/95	PCT					Y
	B13	WO 98/30889	2/13/97	PCT					Y
	B14	WO 98/41176	9/24/98	PCT					Y

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EXAMINER

DATE CONSIDERED



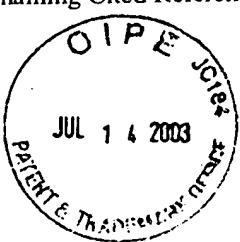
MDS-009CN  
(6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Second Supplemental Information Disclosure Statement (3 pgs.); Form PTO-1449 (9 pgs.); Cited References A133-A192; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 1 OF 2 of this submission.

(BOX 2 OF 2 of this submission contains the remaining Cited References listed in the Form PTO-1449.)

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JV Bianco/ESaarmaa  
Date: July 10, 2003  
2651666



The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Second Supplemental Information Disclosure Statement (3 pgs.); Form PTO-1449 (9 pgs.); Cited References A133-A192; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 1 OF 2 of this submission.

(BOX 2 OF 2 of this submission contains the remaining Cited References listed in the Form PTO-1449.)

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JV Bianco/ESaarmaa  
Date: July 10, 2003  
2651666

MDS-009CN  
(6219/15)



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(6219/15)

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Cited References B15-B27 and C15-C107; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 2 OF 2 of this submission.

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JV Bianco/ESaarmaa  
Date: July 10, 2003

2647105



The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Cited References B15-B27 and C15-C107; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 2 OF 2 of this submission.

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JV Bianco/ESaarmaa  
Date: July 10, 2003

2647105

MDS-009CN  
(6219/15)



PATENT  
Attorney Docket No.: MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10 day of July, 2003.

  
Karina L. Branzetti

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith in **BOX 1 OF 2** are:

1. Transmittal Form (1 pg.);
2. Second Supplemental Information Disclosure Statement (3 pgs.);
3. Form PTO-1449 (9 pgs.);
4. Cited References A133-A192; and
5. Return Receipt Postcard.

Note that Cited References B15-B27 and C15-C107 are mailed in **BOX 2 OF 2** of this submission.



PATENT  
Attorney Docket No.: MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*

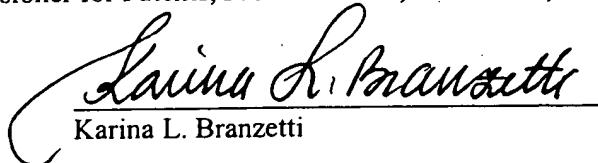
SERIAL NO.: 09/841,325 GROUP NO.: 3737

FILING DATE: April 24, 2001 EXAMINER: Not yet assigned

TITLE: Spectral Volume Microprobe Arrays

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10 day of July, 2003.



Karina L. Branzetti

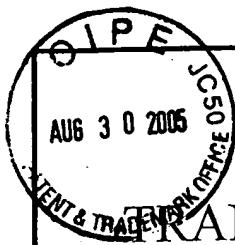
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith in BOX 2 OF 2 are:

1. Cited References B15-27 and C15-C107; and
2. Return Receipt Postcard.

2647148



# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

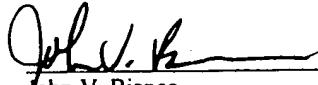
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application  <input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Amendment/Response  <input type="checkbox"/> Preliminary After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard  <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input checked="" type="checkbox"/> Second Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (A133-A192, B15-B27 and C15-C107)	<input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above		

## CORRESPONDENCE ADDRESS

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## SIGNATURE BLOCK

Respectfully submitted,

  
John V. Bianco  
Attorney for Applicants  
Testa, Hurwitz & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110



PATENT  
Attorney Docket No.: MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
  - the requisite Statement is below, **OR**
  - the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

Second Supplemental Information Disclosure Statement

Serial No.: MDS-009CN

Page 2 of 3

- the requisite Statement is below, AND
- the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein.

In addition, Applicants wish to call to the Examiner's attention Office Actions issued in the following commonly-owned, co-pending patent applications:

- 1) U.S. Serial No. 09/591,706, Attorney Docket No. MDS-012, filed on 6/9/00, by Nordstrom et al.;
- 2) U.S. Serial No. 09/738,614, Attorney Docket No. MDS-013A, filed on 12/15/00, by Kaufman et al.;
- 3) U.S. Serial No. 10/068,133, Attorney Docket No. MDS-013AC2, filed on 2/5/02, by Kaufman et al.;
- 4) U.S. Serial No. 09/738,147, Attorney Docket No. MDS-013B, filed on 12/15/00, by Kaufman et al.;
- 5) U.S. Serial No. 10/411,777, Attorney Docket No. MDS-013BC1, filed on 4/11/03, by Kaufman et al.;
- 6) U.S. Serial No. 10/178,772, Attorney Docket No. MDS-014CN, filed on 6/24/02, by Modell et al.;
- 7) U.S. Serial No. 10/122,429, Attorney Docket No. MDS-015CN, filed on 4/12/02, by Nordstrom et al.;
- 8) U.S. Serial No. 09/481,762, Attorney Docket No. MDS-016, filed on 1/11/00, by Modell et al.;
- 9) U.S. Serial No. 09/738,612, Attorney Docket No. MDS-020, filed on 12/15/00, by Costa et al.;
- 10) U.S. Serial No. 10/071,932, Attorney Docket No. MDS-022C1, filed on 2/8/02, by Nordstrom et al.;
- 11) U.S. Serial No. 10/192,820, Attorney Docket No. MDS-028, filed on 7/10/02, by Schomacker et al.;
- 12) U.S. Serial No. 10/099,881, Attorney Docket No. MDS-030, filed on 3/15/02, by Kaufman et al.;
- 13) U.S. Serial No. 10/273,511, Attorney Docket No. MDS-031, filed on 10/18/02, by Clune et al.;
- 14) U.S. Serial No. 10/192,836, Attorney Docket No. MDS-032, filed on 7/10/02, by Zelenchuk;
- 15) U.S. Serial No. 10/243,535, Attorney Docket No. MDS-033, filed on 9/13/02, by Schomacker et al.;
- 16) U.S. Serial No. 10/295,794, Attorney Docket No. MDS-034, filed on 11/15/02, by Schomacker et al.;
- 17) U.S. Serial No. 10/418,922, Attorney Docket No. MDS-035, filed on 4/18/03, by Flewelling et al.;
- 18) U.S. Serial No. 10/418,902, Attorney Docket No. MDS-035A, filed on 4/18/03, by Jiang et al.;
- 19) U.S. Serial No. 10/418,974, Attorney Docket No. MDS-035B, filed on 4/18/03, by Jiang;
- 20) U.S. Serial No. 10/418,668, Attorney Docket No. MDS-035D, filed on 4/18/03, by Costa et al.;
- 21) U.S. Serial No. 10/418,975, Attorney Docket No. MDS-035E, filed on 4/18/03, by Jiang et al.;
- 22) U.S. Serial No. 10/418,415, Attorney Docket No. MDS-035F, filed on 4/18/03, by Schomacker et al.;
- 23) U.S. Serial No. 10/419,181, Attorney Docket No. MDS-035G, filed on 4/18/03, by Jiang et al.; and
- 24) U.S. Serial No. 10/418,973, Attorney Docket No. MDS-035H, filed on 4/18/03, by Schomacker et al.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Second Supplemental Information Disclosure Statement

Serial No.: MDS-009CN

Page 3 of 3

**STATEMENT**

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or

2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

  
John V. Bianco  
Attorney for Applicants  
Testa, Hurwitz, & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110

Date: July 10, 2003

Reg. No.: 36,748

Tel. No.: (617) 248-7870

Fax No.: (617) 248-7100

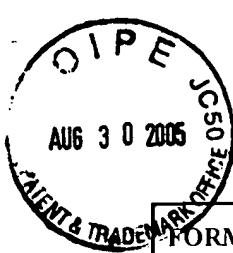
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SEARCH PTO - 1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: MDS-009CN APPLICANTS: Modell <i>et al.</i> SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001 GROUP: 3737
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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A133	2002/0007123 A1	1/17/02	Balas <i>et al</i>	600	476	12/15/00
	A134	3,632,865	1/4/72	Haskell <i>et al.</i>	178	6	12/23/69
	A135	3,890,462	06/17/75	Limb <i>et al</i>	178	6.8	04/17/74
	A136	3,963,019	06/15/75	Quandt <i>et al</i>	128	2	11/25/74
	A137	4,071,020	01/31/78	Puglise <i>et al</i>	128	2	06/3/76
	A138	4,218,703	8/19/80	Netravali <i>et al</i>	358	136	03/16/79
	A139	4,273,110	06/16/81	Groux	128	6	07/11/79
	A140	4,549,229	10/22/85	Nakano <i>et al</i>	360	8	1/31/83
	A141	4,800,571	01/24/89	Konishi	375	10	01/11/88
	A142	5,048,946	09/17/91	Sklar <i>et al</i>	351	206	05/15/90
	A143	5,203,328	4/20/93	Samuels <i>et al</i>	128	633	07/17/91
	A144	5,253,071	10/12/93	MacKay	358	222	12/20/91
	A145	5,289,274	2/22/94	Kondo	348	208	1/31/92
	A146	5,345,941	09/13/94	Rava <i>et al</i>	128	665	3/1/93
	A147	5,349,961	09/27/94	Stoddart <i>et al</i>	128	665	09/27/94
	A148	5,419,323	5/30/95	Kittrell <i>et al</i>	128	653	11/17/89
	A149	5,424,543	06/13/95	Dombrowski <i>et al</i>	250	330	04/19/93
	A150	5,450,857	09/19/95	Garfield <i>et al.</i>	128	778	05/19/94
	A151	5,467,767	11/21/95	Alfano <i>et al</i>	128	665	08/27/93
	A152	5,519,545	5/21/96	Kawahara	360	46	11/29/94
	A153	5,562,100	10/8/96	Kittrell <i>et al</i>	128	665	05/25/94
	A154	5,579,773	12/3/96	Vo-Dinh <i>et al</i>	128	665	09/30/94
	A155	5,582,168	12/10/96	Samuels <i>et al</i>	128	633	01/22/93
	A156	5,599,717	2/4/97	Vo-Dinh	436	63	9/2/94
	A157	5,612,540	3/18/97	Richards-Korum <i>et al</i>	250	461.2	3/31/95
	A158	5,647,368	7/15/97	Zeng <i>et al</i>	128	665	02/28/96



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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A159	5,697,373	12/16/97	Richards-Kortum et al	128	664	03/14/95
	A160	5,699,795	12/23/97	Richards-Kortum	128	634	12/23/97
	A161	5,717,209	2/10/98	Bigman et al	250	339.12	4/29/96
	A162	5,735,276	04/7/98	Lemelson et al	128	653	03/21/95
	A163	5,773,835	6/30/98	Sinofsky et al	250	462.1	06/7/96
	A164	5,791,346	08/11/98	Craine et al.	128	653	8/22/96
	A165	5,840,035	11/24/98	Heusmann et al.	600	47	2/1/96
	A166	5,842,995	12/1/98	Mahadevan-Jansen et al	600	473	6/28/96
	A167	5,920,399	7/6/99	Sandison et al.	356	418	3/18/97
	A168	5,921,926	07/13/99	Rolland et al.	600	407	12/31/97
	A169	5,929,985	07/27/99	Sandison et al	365	318	3/18/97
	A170	5,931,779	08/03/99	Arakaki et al.	600	310	6/6/97
	A171	5,938,617	08/17/99	Vo-Dinh	600	476	12/3/96
	A172	5,989,184	11/23/99	Blair et al	600	167	12/5/97
	A173	5,991,653	11/23/99	Richards-Kortum et al	660	475	6/19/96
	A174	6,069,689	05/30/00	Zeng et al	356	773	4/14/98
	A175	6,091,985	7/18/00	Alfano et al.	600	476	1/23/98
	A176	6,095,982	8/1/00	Richards-Kortum et al	600	476	12/11/97
	A177	6,208,887 B1	03/27/01	Clarke et al	600	476	6/24/99
	A178	6,241,662 B1	06/5/01	Richards-Kortum et al	600	310	10/20/98
	A179	6,246,479 B1	06/12/01	Jung et al	356	419	12/23/99
	A180	6,285,639 B1	9/4/01	Maenza et al	369	47.28	4/29/98
	A181	6,377,842 B1	4/23/02	Pogue et al	600	478	8/23/99
	A182	6,385,484 B2	5/7/02	Nordstrom et al.	600	476	12/15/00
	A183	6,411,835 B1	6/25/02	Modell et al.	600	407	2/2/99
	A184	6,411,838 B1	6/25/02	Nordstrom et al.	600	476	12/22/99



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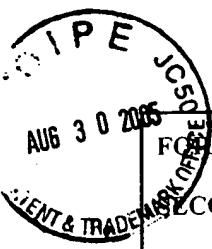
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	A185	6,421,553 B1	7/16/02	Costa et al.	600	476	12/15/00
	A186	6,427,082 B1	7/30/02	Nordstrom et al.	600	476	12/23/99
	A187	5,690,106	11/25/97	Bani-Hashemi et al.	128	653.1	6/30/95
	A188	5,995,645	11/30/99	Soenksen et al.	382	133	12/4/97
	A189	6,058,322	5/2/00	Nishikawa et al.	600	408	7/25/97
	A190	6,246,471 B1	6/12/01	Jung et al.	356	73	1/10/00
	A191	6,312,385 B1	11/6/01	Mo et al.	600	443	5/1/00
	A192	6,317,617 B1	11/13/01	Gilhuijs et al.	600	408	7/25/97

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B15	0 444 689 A2	9/4/91	EP					Y
	B16	0 737 849 A2	10/16/96	EP					Y
	B17	WO 92/19148	11/12/92	PCT			4/29/92		Y
	B18	WO 97/48331	12/24/97	PCT			6/19/97		
	B19	WO 98/05253	02/12/98	PCT			08/2/96		
	B20	WO 98/24369	06/11/98	PCT			11/20/97	N	Y
	B21	WO 99/18847	4/22/99	PCT			12/14/98		Y
	B22	WO 99/20313	4/29/99	PCT			10/20/98		
	B23	WO 99/20314	4/29/99	PCT			10/20/98		
	B24	WO 99/47041	09/23/99	PCT			03/19/99		
	B25	WO 99/57507	11/11/99	PCT			4/30/99		
	B26	WO 99/57529	11/11/99	PCT			5/4/99		
	B27	WO 00/15101	3/23/00	PCT			9/10/99		



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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C15	Agrawal <i>et al.</i> (1999), "Fluorescence Spectroscopy of the Cervix: Influence of Acetic Acid, Cervical Mucus, and Vaginal Medications," <u>Lasers in Surgery and Medicine</u> , 25:237-249.
	C16	Althof <i>et al.</i> (1997), "A rapid and automatic image registration algorithm with subpixel accuracy," <u>IEEE Transactions on Medical Imaging</u> , 16(3):308-316.
	C17	Aström <i>et al.</i> (1999), "Motion estimation in image sequences using the deformation of apparent contours," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 21(2):114-127.
	C18	Balakrishnama <i>et al.</i> , "Linear Discriminant Analysis – A Brief Tutorial," <u>Institute for Signal and Information Processing Department of Electrical and Computer Engineering</u> , 8 pages.
	C19	Balas (1997), "An Imaging Colorimeter for Noncontact Tissue Color Mapping," <u>IEEE Transactions on Biomedical Engineering</u> , 44(6):468-474.
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	C22	Balas <i>et al.</i> (1998), "In Vivo Assessment of Acetic Acid-Cervical Tissue Interaction Using Quantitative Imaging of Back-Scattered Light: Its Potential Use for the In Vivo Cervical Cancer Detection Grading and Mapping," Part of EUROPTO Conference on Optical Biopsy, Stockholm, Sweden, <u>SPIE</u> , Vol. 3568:31-37.
	C23	Balas <i>et al.</i> (1999), "In Vivo Detection and Staging of Epithelial Dysplasias and Malignancies Based on the Quantitative Assessment of Acetic Acid-Tissue Interaction Kinetics," <u>Journal of Photochemistry and Photobiology B: Biology</u> , 53:153-157.
	C24	Bessey <i>et al.</i> (1949), "The Fluorometric measurement of the nucleotides of riboflavin and their concentration in tissues," <u>J. Biol.-Chem.</u> , 180:755-769.
	C25	Bors <i>et al.</i> (1998), "Optical flow estimation and moving object segmentation based on median radial basis function network," <u>IEEE Transactions on Image Processing</u> , 7(5):693-702.
	C26	Bouthemy <i>et al.</i> (1999), "A unified approach to shot change detection and camera motion characterization," <u>IEEE Transactions on Circuits and Systems for Video Technology</u> , 9(7):1030-1044.
	C27	Braichotte <i>et al.</i> (1995), "Clinical Pharmacokinetic Studies of Photofrin by Fluorescence Spectroscopy in the Oral Cavity, the Esophagus, and the Bronchi," <u>Cancer</u> 75(11):2760-2778.
	C28	Brown (1990), "Chemometrics," <u>Anal. Chem.</u> , 62:84R-101R.
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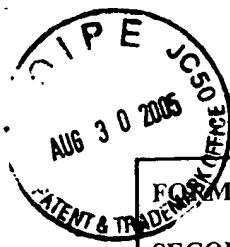
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C31	Contini <i>et al.</i> (1989), "Colposcopy and Computer Graphics: a New Method?" <u>Amer. J. Obstet. Gynecol.</u> , 160(3):535-538.
C32	Craine <i>et al.</i> (1993), "Digital Imaging Colposcopy: basic concepts and applications," <u>Amer. J. Obstet. Gynecol.</u> , 82(5):869-873.
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C44	Fleet <i>et al.</i> (1995), "Recursive Filters for Optical Flow," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 17(1):61-67.
C45	Gao <i>et al.</i> (1998), "A work minimization approach to image morphing," <u>The Visual Computer</u> , 14:390-400.



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C66	Nanda <i>et al.</i> (2000), "Accuracy of the Papanicolaou test in screening for and follow-up of cervical cytologic abnormalities: a systematic review," <u>Ann Intern Med.</u> , 132(10):810-819.
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C76	Rakshit <i>et al.</i> (1997), "Computation of Optical Flow Using Basis Functions," <u>IEEE Transactions on Image Processing</u> , 6(9):1246-1254.
C77	Reid <i>et al.</i> (1985), "Genital warts and cervical cancer. VII. An improved colposcopic index for differentiating benign papillomaviral infections from high-grade CIN," <u>Am. J. Obstet. Gynecol.</u> , 153(6):611-618.
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	C80 Sakuma (1985), "Quantitative Analysis of the Whiteness of the Atypical Cervical Transformation Zone", <u>The Journal of Reproductive Medicine</u> , 30(10):773-776.
	C81 Schmid (1999), "Lesion Detection in Dermatoscopic Images Using Anisotropic Diffusion and Morphological Flooding," <u>Proceedings of the International Conference on Image Processing (ICIP-99)</u> , 3:449-453.
	C82 Schmid (1999), "Segmentation and Symmetry Measure for Image Analysis: Application to Digital Dermatoscopy," <u>Ph.D. Thesis, Swiss Federal Institute of Technology (EPFL), Signal Processing Laboratory (LTS)</u> .
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	C86 Shafi <i>et al.</i> (1995), "Modern image capture and data collection technology," <u>Clin. Obstet. Gynecol.</u> , 38(3):640-643.
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EXAMINER

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